



Teddy Purnamirza <tptambusai@uin-suska.ac.id>

[TELKOMNIKA] Article Review Request

Tole Sutikno <telkomnika@uad.ac.id>

13 Maret 2020 22.18

Balas Ke: "Dr. Tole Sutikno" <telkomnika@uad.ac.id>

Kepada: "Dr. T. Purnamirza" <tptambusai@uin-suska.ac.id>

Dear Prof/Dr/Mr/Mrs: Dr. T. Purnamirza,

I believe that you would serve as an excellent reviewer of the manuscript, "CSRR Loaded Compact Wideband Antenna For Radiolocation Applications," which has been submitted to TELKOMNIKA (Telecommunication Computing Electronics and Control). The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us.

Please log into the journal web site by 2020-03-20 to indicate whether you will undertake the review or not, as well as to access the submission and to record your review and recommendation. The web site is <http://journal.uad.ac.id/index.php/TELKOMNIKA>

The review itself is due 2020-04-10.

If you do not have your username and password for the journal's web site, you can use this link to reset your password (which will then be emailed to you along with your username). <http://journal.uad.ac.id/index.php/TELKOMNIKA/login/resetPassword/tptambusai?confirm=3da0fc>

Submission URL:

<http://journal.uad.ac.id/index.php/TELKOMNIKA/reviewer/submission/23206>

Thank you for considering this request.

Best Regards,
Dr. Tole Sutikno
Universitas Ahmad Dahlan
telkomnika@uad.ac.id

The best journal in Indonesia 2017 (by Ministry of Research Technology and Higher Education) and indexed by SCOPUS, with CiteScore 2016: 0.75, SJR 2016: 0.250 and SNIP 2016: 0.822

"CSRR Loaded Compact Wideband Antenna For Radiolocation Applications"

Abstract

A compact antenna wideband antenna for radiolocation application is presented in this communication. Complimentary Split Ring Resonator (CSRR) has been used to achieve the wideband bandwidth with compact size. A rectangular patch antenna of dimension 15mm×15mm×1.6mm resonating at X-band frequency of 10GHz is loaded with CSRR to get the wideband antenna. Proposed antenna is modeled on a FR4 substrate and is feed with a coaxial feed. It is having a bandwidth of 1.15GHz ranging from 9.12GHz to 10.27GHz which is 26.37% greater than the bandwidth of the basic antenna without CSRR. The gain of the antenna is 5.71dB and is having a omni directional radiation pattern without any null. From the current field distribution it can be observed that the patch currents are been effected by loading the patch with CSRR and the patch currents have increased from 2.76v/m to 3.25 v/m. Proposed antenna has been realized and its performance is measured

using vector network analyzer, a near match in between the simulated result and measured result is observed. From these parameters obtained for the designed antenna model it is evident that it can serve the X-band radiolocation application in a best way.

----- OUR EVENTS

-- Kindly forward this email to other interested parties!! --

OUR INTERNATIONAL CONFERENCES IN 2020:

* 2020 1st Conference on Internet of Things and Embedded Intelligence (CITEI 2020)

Venue: Yogyakarta, Indonesia on July 29-30, 2020

Website: <http://citei.intconference.org>

Paper submission: <https://edas.info/N27031>

Deadline: February 20, 2020

* 2020 2nd ADICS Int Conference on Engineering, Science and Information Technology

Venue: Yogyakarta, Indonesia on August 26-27, 2020

Website: <http://esit.intconference.org>

Paper submission: <https://edas.info/N27091>

Deadline: March 20, 2020

* 2020 7th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2020)

Venue: Yogyakarta, Indonesia on September 23-25, 2020

Website: <http://eecs.org/2020/>

Paper submission: <https://edas.info/N27101>

Deadline: April 15, 2020

* 2020 3rd International Conference and Workshop on Telecommunication, Computing, Electrical, Electronics and Control (ICW-TELKOMNIKA 2020)

Venue: Yogyakarta, Indonesia on November 19-21, 2020, 2020

Website: <http://icw.telkomnika.com>

Paper submission: <http://journal.uad.ac.id/index.php/TELKOMNIKA> (section ICW....)

Deadline: June 15, 2020

TELKOMNIKA (Telecommunication Computing Electronics and Control)

<http://www.journal.uad.ac.id/index.php/TELKOMNIKA>



Teddy Purnamirza <tptambusai@uin-suska.ac.id>

[TELKOMNIKA] Article Review Acknowledgement

Tole Sutikno <telkomnika@uad.ac.id>

26 Maret 2020 13.17

Balas Ke: "Dr. T. Sutikno (HSF)" <telkomnika@journal.uad.ac.id>

Kepada: "Dr. T. Purnamirza" <tptambusai@uin-suska.ac.id>

Dear Prof/Dr/Mr/Mrs: Dr. T. Purnamirza,

Thank you for completing the review of the submission, "CSRR Loaded Compact Wideband Antenna For Radiolocation Applications," for TELKOMNIKA (Telecommunication Computing Electronics and Control). We appreciate your contribution to the quality of the work that we publish.

Best Regards,
Dr. T. Sutikno (HSF)
Editor in Chief, TELKOMNIKA
telkomnika@journal.uad.ac.id

The best journal in Indonesia 2017 (by Ministry of Research Technology and Higher Education, <http://sinta2.ristekdikti.go.id/journals>) and indexed by SCOPUS, with CiteScore 2016: 0.75, SJR 2016: 0.250 and SNIP 2016: 0.822

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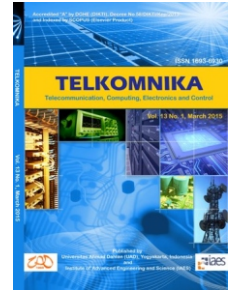
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CERTIFICATE

TELKOMNIKA (Telecommunication Computing Electronics and Control)

is hereby awarding this certificate to

Teddy Purnamirza

in recognition of his/her contribution as **Reviewer** in this scientific journal

Yogyakarta, March 26, 2020

Tole Sutikno
Managing Editor